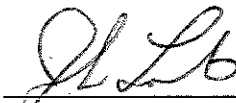
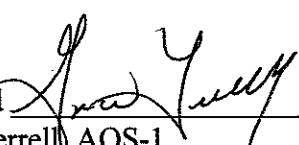
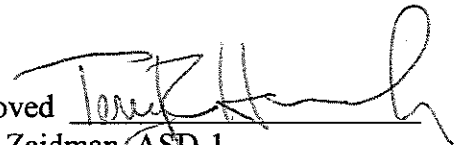


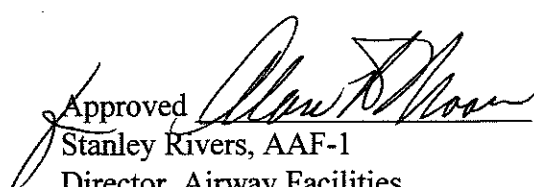
**CHARTER FOR THE
CONFIGURATION CONTROL BOARD
FOR THE
INTEGRATED PRODUCT TEAM FOR
SURVEILLANCE
IN SUPPORT OF THE LIFE-CYCLE MANAGEMENT
OF THE
NATIONAL AIRSPACE SYSTEM**

October 22, 1997

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1.0 INTRODUCTION

1.1 Purpose

This charter establishes the Surveillance Control Board (SURV CCB) and assigns responsibility for establishing baselines and controlling changes to these baselines for the Configuration Items (CI's) listed in appendix A. These baselines include software, hardware, firmware, specialized and automatic test equipment (ATE), training devices, training curriculum, technical documentation, and operational site configuration.

The Product Team Leads/Product Leads (PTL/PL's) who are under the purview of the SURV CCB shall establish, document, and maintain a Configuration Management (CM) program for their respective products.

1.2 Authority

The SURV CCB is authorized by the National Airspace System Configuration Control Board (NAS CCB), in accordance with FAA Order 1800.8F. This authority does not extend to the creation of lower level CCB's, which is reserved only to the NAS CCB.

Additionally, the SURV CCB co-chairpersons have the authority to delegate specific configuration control authority to other members within the CCB. This delegated authority is documented in the SURV CCB Operating Procedures.

2.0 SURVEILLANCE CCB RESPONSIBILITIES

The SURV CCB shall have the following responsibilities:

- A. Evaluate change paper submitted by other organizations to ensure that the changes to baselined documents are presented to the SURV CCB for action. It should include accurately completed NAS Change Proposals and thorough evaluations of the impacts of the proposed changes.
- B. Ensure adherence to configuration control procedures in processing changes to the baselines under SURV CCB control.
- C. Establish baselines for CI's and control subsequent changes to those baselines.
- D. Develop and implement a plan to establish, maintain, and audit operational site configurations.

- E. Plan and conduct CM audits on baselined CI's to ensure compliance with NAS level requirements.
- F. Ensure that adequate CM Requirements are included in all acquisitions and monitor those activities during the acquisition process.
- G. Issue Configuration Control Decisions (CCD's) which are directives for establishing baselines or making changes to the baselined documents under the SURV CCB control.
- H. Develop and implement a plan that will monitor the status of the changes to the baselined documents as approved.
- I. Identify and implement a CM tool for the SURV CCB.
- J. Coordinate plans and policies for the configuration management and evolution of the Surveillance systems interfaces throughout their life cycle, including planning for transition of CI's not covered under the SURV CCB to the appropriate CCB.

3.0 SURVEILLANCE CCB PARTICIPANTS

The participants of the SURV CCB shall be the following individuals, or their designated representatives:

- a. Members
 - 1. **Co-Chairperson:** Integrated Product Team Leader (IPTL) for Surveillance and Program Director for Operational Support, or other representative, as designated by the Co-Chairpersons.
 - 2. **CCB Secretariat:** The AND-400 CM officer representative to the Surveillance IPT.
 - 3. **Permanent Members:** Decision makers who represent the individual configuration items which comprise the Surveillance domain:
 - (*) PTL/PL or designee for each product identified in Appendix A
 - FAA Technical Center (ACT),
CNS Engineering and Test Division, ACT-300
 - Air Traffic System Requirements Service (ARS)

- Nav/Landing/Surveillance Systems Division, ARN-100,
- Aviation Weather Requirements Division, ARW-300,
- FAA Logistics Center (AML)
- Engineering and Production Division, AML-400,
- NAS Transition and Implementation Service (ANS)
- Implementation Management Division ANS-700,
- Operational Support Program (AOS)
- National Airway Systems Engineering Division, AOS-200,
- NAS Systems Architecture and Program Evaluation (ASD)
- Systems Architecture and Integration Division, ASD-100
- Office of Acquisition (ASU)
- Contracts Division, ASU-300.

* PTL/PL's, although permanent members, may not need to participate in individual CCBs depending upon the specific meeting agenda.

4. **Ad Hoc Members:** Ad Hoc members represent FAA organizations, other than those already represented by the permanent CCB membership, which are "stakeholders", or will be impacted by changes being decided by the SURV CCB. Their function shall be to ensure proposed changes are consistent with technical and policy positions of their organizations.

b. Technical Advisors, Consultants, and Program Control Specialists personnel from various Government and contractor organizations may attend meetings to provide specialized technical or program management information.

4.0 SURVEILLANCE CCB ADMINISTRATION

The SURV CCB Secretariat shall be responsible for scheduling CCB meetings for coordinating and performing the administrative tasks which the SURV CCB, including, but not limited to: preparation of CCB agenda and minutes, supporting the change screening activities, and elevating proposed changes to the NAS CCB. Additionally, the Secretariat will perform monitoring of functions under the authority of the SURV CCB, as described in the SURV CCB Operating Procedures.

5.0 SURVEILLANCE CCB RECOMMENDATIONS AND DECISIONS

The SURV CCB shall review, approve, disapprove, defer, or elevate proposed NAS Change Proposals (NCP's), Document Change Requests (DCR's), Engineering Change

Proposals (ECP's), and Requests for Deviation and Waiver. The Co-Chairperson's shall make the final decision for all change proposals submitted to the SURV CCB. The Co-Chairperson's shall poll the members for their positions prior to making the final decision. Individual SURV CCB members may appeal decision to the NAS CCB as defined in the SURV CCB Operating Procedures.

- a. Decisions on NCP'S will be documented in a Configuration Control Decision (CCD), prepared by the SURV CCB Secretariat, and signed by the Co-Chairpersons.
- b. Decisions on DCR's, ECP', and Deviations and Waivers may be documented on the applicable change forms or in a CCD.

6.0 CHANGES TO THE SURVEILLANCE CCB CHARTER

This charter shall be changed only with the approval of the NAS CCB, upon recommendation of the SURV CCB.

7.0 DELEGATION OF SURVEILLANCE CCB AUTHORITY

The SURV CCB Co-Chairpersons can authorize CCB members to act as a Chairperson via a memorandum to the CCB Secretariat. SURV CCB permanent members can delegate specific authority by a memorandum signed by a SURV CCB Co-Chairperson. Additionally, when time-critical or urgent processing of proposed change requests are necessary, the SURV CCB Co-Chairperson may approve or disapprove changes without benefit of a CCB meeting or member review. All change requests processed outside the normal CCB process shall be documented and communicated to permanent members as soon as practicable, or at the next regularly scheduled meeting. Questions and concerns regarding CCB decisions are addressed to the CCB Secretariat and will be presented to the SURV CCB Co-Chairpersons.

Appendix A - Surveillance Configuration Items:

The CIs listed below are under the control of the SURV CCB. Currently, these CIs reflect the primary products which will comprise the modernized Surveillance system. As these CIs, or components thereof, are placed under configuration control, they will be entered into the Master Configuration Index and contained in the NAS Subsystem Baseline Configuration and Documentation Listing, NAS-MD-001.

- Air Route Surveillance Radar (ARSR), including Azimuth Pulse Generator (APG)
- Airport Surface Detection Equipment (ASDE)
- Air Traffic Control Beacon Interrogator (ATCBI)
- Airport Movement Area Safety (AMASS)
- Airport Surveillance Radar (ASR)
- Fixed Ground Antenna Radome (FGAR)
- Mode S
- Precision Runway Monitor (PRM)
- Low Level Wind Shear Alert System (LLWAS)
- Terminal Doppler Weather Radar (TDWR)
- Minimal Attended Radar Alaska (MAR)
- Common Digitizer (CD)
- Solid State Radar Beacon Decoder (SSRBD)
- Air Traffic Control Radar Beacon (ATCRB)
- Air Traffic Control Radar Beacon System (ATCRBS)
- Mobil En Route Radar Facility (MERF)
- FPS-20 , FPS-60 Series Radar
- Time Code Display (TCD)

Systems to be baselined:

- Airport Traffic Identification Display System (ATIDS)
- Next Generation Weather Radar (NEXRAD)
- Weather Systems Processor (WSP)
- Long Range Radar Modification (LRR)
- Long Range Radar (LRR)
- Runway Incursion Reduction Program (RIRP)